

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
30 September 2004 (30.09.2004)

PCT

(10) International Publication Number
WO 2004/082436 A3

(51) International Patent Classification⁷: A47C 16/00, A47G 9/00

(21) International Application Number: PCT/US2004/008298

(22) International Filing Date: 17 March 2004 (17.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 60/456,036 17 March 2003 (17.03.2003) US

(71) Applicant (for all designated States except US): CRADLE ME, INC. [US/US]; 14227 Pinewood Drive, Del Mar, CA 92014 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): RAGEN, Frank, J. [US/US]; 14227 Pinewood Drive, Del Mar, CA 92014 (US).

(74) Agent: WESEMAN, James, C.; The Law Offices of James C. Weseman, 401 West A Street, Suite 1600, San Diego, CA 92101 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

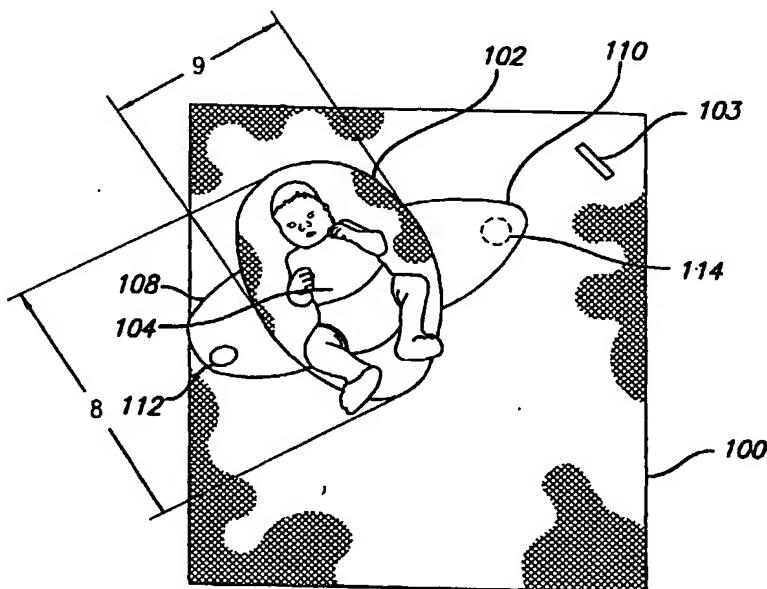
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ,

[Continued on next page]

(54) Title: BABY SUPPORT WRAP SYSTEM



WO 2004/082436 A3

(57) Abstract: A baby support system directed to providing improved support for a baby, particularly for its head, neck and back, while being held and carried. The baby support system includes two support features, and a security feature. The first support feature is a wrap member adjacent to the second support feature which is made of a flexible, resilient, material which at least partially conforms to the baby's body, providing support for the baby. The second support feature is positioned on the first support feature such that when the wrap member is wrapped about the baby it maintains the second support feature in a desired position with respect to the baby, thereby providing the desired support for the baby. The security feature will be employed to releasably retain the baby in a preselected position relative to the wrap member, and the second support feature as well.



CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:

7 July 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/08298

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A47C 16/00; A47G 9/00

US CL : 5/655, 482, 655.9, 656, 632, 419, 420, 494, 922, 948; 2/69, 69.5

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 5/655, 482, 655.9, 656, 632, 419, 420, 494, 922, 948; 2/69, 69.5

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 1,263,825 A (WAUGH) 23 April 1918 (23.04.1918), see entire document.	1-4, 6-9, and 11
—		-----
Y		12
A	US 1,584,853 A (DERN) 18 May 1926 (18.05.1926) see entire document.	1-12
A	US 1,964,271 A (O'DWYER) 26 June 1934 (26.06.1934), see entire document.	1-12
A	US 3,034,132 A (LANDSBERGER et al) 15 May 1962 (15.05.1962), see entire document.	1-12
X	US 3,968,911 A (HAAS) 13 July 1976 (13.07.1976), see entire document.	1 and 6
—		-----
Y		12
A	US 4,172,300 A (MILLER) 30 October 1979 (30.10.1979), see entire document.	1-12
A	US 4,897,885 A (LUNT) 06 February 1990 (06.02.1990), see entire document.	1-12

<input checked="" type="checkbox"/>	Further documents are listed in the continuation of Box C.	<input type="checkbox"/>	See patent family annex.
*	Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A"	document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E"	earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O"	document referring to an oral disclosure, use, exhibition or other means		
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search

03 March 2005 (03.03.2005)

Date of mailing of the international search report

06 MAY 2005

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Anita M. King *J. M. King*

Telephone No. (703) 308-2168

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US04/08298

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,933,886 A (WASHINGTON) 10 August 1999 (10.08.1999), see entire document.	1-3 and 5-11
Y		12
A	US 5,959,261 A (HAY et al) 14 September 1999 (14.09.1999), see entire document.	1-12
A	US 6,145,932 A (HAMMEL-NYHUS et al) 14 November 2000 (14.11.2000), see entire document.	1-12
A	US 6,415,442 B1 (SMITH) 09 July 2002 (09.07.2002), see entire document.	1-12